

Xpelair XIL & XXS Inline shower fan systems

Axial extract fans for shower cubicle applications



Key features

Type:	Inline single speed axial extract fan systems
Application:	Domestic bathrooms and shower rooms
Control options:	Standard or timer
Legislation:	Conforms to Building Regulations Part F1
Hole diameter:	117mm (XIL100/XXS100) 140mm (XIL125) 165mm (XIL150)



The Range

Step out of the shower cubicle. Is the mirror 'steamed over'?... There is another way.

Remove the cause of condensation at source with an Xpelair inline shower fan system.

With a neat grille installed directly over the shower, humid or moist air will be ducted away by a fan above the ceiling and onwards to a grille installed outside, typically in the soffit.

Will I be standing in a draught? No, air will not be pulled into a normal cubicle, only flow over it.

XIL fans are available in sizes of 100, 125 & 150mm and are only available as fan systems. The systems contain all the components necessary for a normal installation, comprising:

- inline fan
- 3m of flexible duct
- Four worm drive clips
- inline backdraught shutter (XIL100 only)
- Internal ceiling grille with sleek styling in white
- Outside soffit/wall grille

XXS100 fans are available on their own.

All electronics circuits and wiring terminals are fully protected. Motors are Class B lubricated for life, fitted with safety thermal overload protection and suitable for ambient temperatures up to 40°C.

Xpelair XIL systems conform to Building Regulations mechanical ventilation for toilets shower rooms and bathrooms.

Select the right product for your application

	Shower Fan Systems						Fan Only	
	XIL100	XIL100T	XIL125	XIL125T	XIL150	XIL150T	XXS100	XXS100T
Reference number	90329AW	90330AW	91242AW	91243AW	91244AW	91245AW	90331AW	90332AW
Remote switch (not included)	■	■	■	■	■	■	■	■
Fan only							■	■
Fan system (installation pack)	■	■	■	■	■	■		
Integral timer (adjustable)		■		■		■		■
Extract performance (m ³ /h*)	54	54	63	63	133	133	95 FID	95 FID
Extract performance (l/s*)	15	15	18	18	37	37	26 FID	26 FID
Sound pressure level (dB(A)@3m)	30	30	43	43	45	45	33	33
Electrical power rating (W)	29	29	20	20	25	25	29	29
Duct diameter (mm)	100	100	125	125	150	150	100	100
Hole diameter (mm)	115	115	140	140	165	165	115	115
IP rating	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2
Weight (kg)	0.9	0.9	1.83	1.83	2.1	2.1	0.8	0.8
Guarantee (years, UK)	3	3	2	2	2	2	2	2

*XXS fan only performance measured FID, XIL fan systems measured in typical installation (comprising 90° bend on the inlet & outlet plus 3m of duct).

Models

XIL100

Ref. 90329AW

- Single speed inline showerfan system.
- Operated by remote switch (in a bathroom whether by remote pullcord switch or wired to the lighting circuit)
- Can also be wired to a water flow switch fitted in the pipework to the shower control to switch On/Off when the shower is in use

XIL100T

Ref. 90330AW

- Single speed inline showerfan system
- Built-in overrun timer (adjustable at installation from 2-20mins)
- Operated by remote switch or sensor (in a bathroom wired to the lighting circuit)
- Can also be wired to a water flow switch, fitted in the pipework to the shower control, to switch On/Off when the shower is in use

XIL125

Ref. 91242AW

- Single speed inline showerfan system
- Operated by remote switch or sensor (in a bathroom either by a remote pullcord

switch or wired to the lighting circuit)

Can also be wired to a water flow switch fitted in the pipework to the shower control to switch On/Off when the shower is in use

XIL125T

Ref. 91243AW

- Single speed inline showerfan system
- Built-in overrun timer (adjustable at installation from 3-15mins)
- Operated by remote switch (in a bathroom wired to the lighting circuit)
- Can also be wired to a water flow switch, fitted in the pipework to the shower control, to switch On/Off when shower is in use

XIL150

Ref. 91244AW

- Single speed inline showerfan system
 - Operated by remote switch (in a bathroom either by a remote pullcord switch or wired to the lighting circuit)
- Can also be wired to a water flow switch fitted in the pipework to the shower control to switch On/Off when the shower is in use

XIL150T

Ref. 91245AW

- Single speed inline showerfan system
- Built-in overrun timer (adjustable at installation from 3-15mins)
- Operated by remote switch (in a bathroom wired to the lighting circuit)
- Can also be wired to a water flow switch, fitted in the pipework to the shower control, to switch On/Off when shower is in use

XXS100

Ref. 90331AW

- Single speed inline fan
- Operated by remote switch or sensor

XXS100T

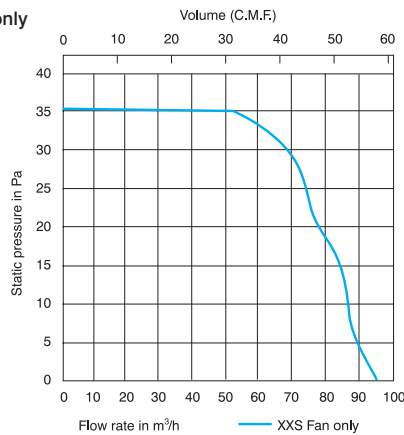
Ref. 90332AW

- Single speed inline fan
- Integral timer operated by remote switch (adjustable from 2-20mins)

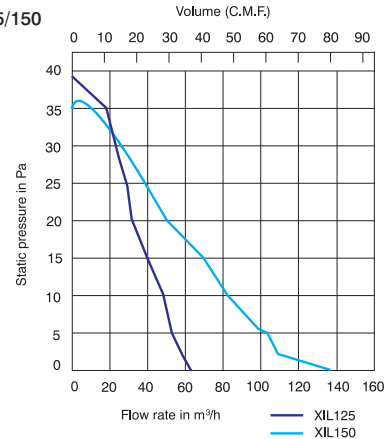
Typical Specifications on page 163.
Wiring Diagrams on page 182.
Remote Sensors on page 56.

Performance

XXS100 fan only

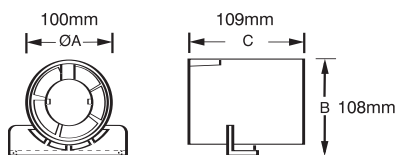


XIL125/150



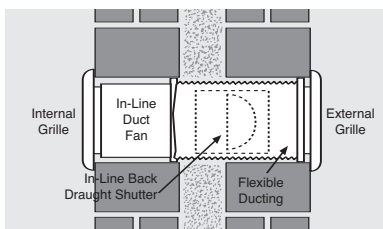
Dimensions (mm)

XIL range



Model	ØA	B	C
XIL100/T	100	108	109
XIL125/T	118	118	96
XIL150/T	148	177	108
XXS100/T	100	108	109

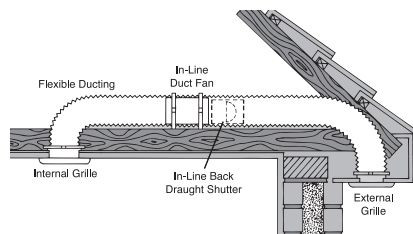
Installation and Accessories



Wall Mounting

Hole diameter: 117/140/165mm*
Ducting size: 100/125/150mm*

*refer to table opposite



Loft Mounting

Hole diameter: 117/140/165mm*
Ducting size: 100/125/150mm*

*refer to table opposite